

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-082-33
WHITESBURG QUADRANGLE
57 KY.-91 VA.
N3700-W8245/15
DIAGRAM NJ 17-7
JENKINS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Harlan, Letcher, and Knott Counties,
Kentucky; Wise County, Virginia

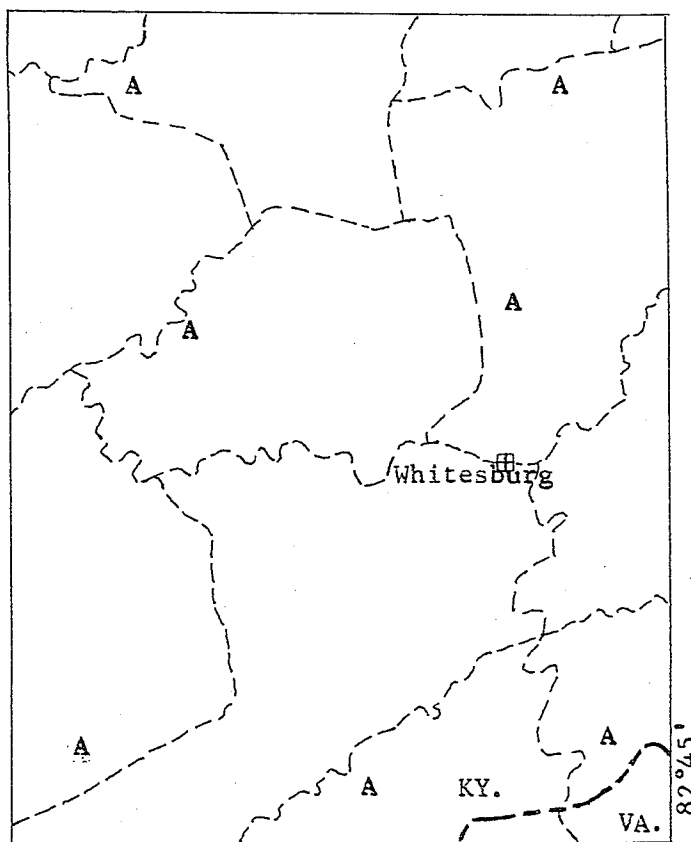
Final adjustment of 1954

Edition of 5/14/74

PR: WSM/sws

HINDMAN
(86)

CORNETTSVILLE
(58)



POUND
(90 VA. 56 KY.)

BIG STONE GAP
(29 KY.-VA. 61)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370823

57 KY.-91 VA.
WHITESBURG QUADRANGLE

37-082-33
W3700-W8245/15

INDEX OF PERMANENT MARKS

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ISOLATED BENCH MARKS (By S. R. Archer, 1915; Book A 9702)

Feet

May King Station, 2.0 mi NE. of; at mouth of Thornton Creek (Sergeant post office); on W. concrete abutment top of S. end of parapet wall of RR. bridge over Thornton Creek; standard tablet stamped "1222" (Reported destroyed, 1953)	1221.857
Whitesburg, 2.6 mi NE. of; 0.2 mi N. of mouth of Colby Creek; at milepost LEX 182 on W. side of track; in face of rock cut; standard tablet stamped "1181"	1181.051
Whitesburg, at NE. corner of Letcher County courthouse; in face of stone foundation; standard tablet stamped "1163"	1162.765
Uz station, 1.9 mi SW. of; 600 ft W. of mouth of Kingdom Come Creek; on top of S. end of parapet wall of E. abutment of RR. bridge over North Fork Kentucky River; standard tablet stamped "1064" (Reported destroyed, 1953)	1063.678
Roxana station, 750 ft E. of; 500 ft W. of post office; opposite mouth of King Creek; 70 ft E. and 30 ft S. of undergrade crossing; 30 ft S. of centerline of rd.; in rock ledge; standard tablet stamped "1048" (Reported not found, 1953)	1047.847
Blackey station (Indian Bottom post office), just E. of; 0.3 mi NW. of mouth of Rockhouse Creek; S. abutment E. concrete wing-wall of hwy. bridge over North Fork Kentucky River; in top; standard tablet stamped "1000" (Tied by NGS, 1967)	999.152
Whitesburg, 3.7 mi NW. of; 400 ft S. of mouth of Big Cowan Creek; on W. side of creek; in top of rock ledge; standard tablet stamped "1104"	1103.400
Dongola, 0.25 mi W. of; on W. side of mouth of Little Cowan Creek at forks; 15 ft above bed of stream; in face of rock ledge; standard tablet stamped "1149"	1148.362
Mandrake, 1.2 mi SW. of; 225 ft S. of rd. forks; on W. side of rd. and E. side of small branch from S. rd. leading S. across Pine Mountain; in top of large sandstone rock; standard tablet stamped "1434" (Reported destroyed, 1953)	1433.548
Partridge, 1.9 mi N. of; top of Scuttle Hole Gap in Pine Mountain between Partridge and head of Big Cowan Creek; 45 ft S. of summit; on E. side of rd.; in top of sandstone rock; standard tablet stamped "2518"	2517.738
Partridge, 50 ft W. of post office; 140 ft W. of rd. forks; 90 ft W. of branch N. on N. side of rd.; in top of rock outcrop; standard tablet stamped "1585"	1584.723

ISOLATED BENCH MARKS (Cont'd.)Feet

Partridge, 3.0 mi NE. of; at bend in rd. and river to S. at mouth of branch from N; 40 ft N. of rd.; 20 ft E. of branch; 15 ft E. of forked pine tree; 10 ft W. of center of W. side of blacksmith shop owned by Henry Maggard; in top of sandstone rock; standard tablet stamped "1624" (Reported not found, 1953)	1623.984
Eolia, 70 ft W. of rd. to S.; in yard of public schoolhouse; 35 ft S. of branch; 45 ft E. of schoolhouse; in top of sandstone rock about 15 in. above ground; standard tablet stamped "1685" (Reported not found, 1953)	1685.187
Oven Fork, 0.6 mi E. of; at forks of Meadow Branch; 70 ft W. of stream crossing; 100 ft N. of residence of A. A. Sergeant; E. side of rd. to S.; on S. side of rd.; at intersection; at base of 3.5 ft white oak tree; in top of large flat rock; standard tablet stamped "1879" (Reported destroyed, 1953)	1878.215
Jermiah, 0.7 mi SW. of; 0.6 mi NW. of mouth of Spring Branch; on N. side of Rockhouse Creek; 40 ft N. of centerline of rd.; 200 ft S. of residence of Orbin Stergill; 0.2 mi E. of residence of James T. Smith and store and mill dam; on E. bank of small branch from N.; in rock ledge; standard tablet stamped "1062" (Reported not found, 1953)	1061.355
Isom, 0.2 mi E. of; 375 ft E. of mouth of Little Colby Creek; 40 ft N. of rd. forks; on E. side of, and 3 ft above rd.; in rock ledge; standard tablet stamped "1107" (Reported destroyed, 1953)	1106.839
Colson, at mouth of Camp Branch; 500 ft E. of rd. forks; 540 ft W. of post office; 135 ft E. of residence of Cal Crawford; 50 ft E. of small drain from N.; 20 ft NE. of 2-ft elm tree; on N. side of, and 7 ft above rd.; in rock ledge; standard tablet stamped "1172" (Tied by NGS, 1952) (Reported destroyed, 1953)	1172.199
Bath, 375 ft E. of post office; 200 ft W. of residence of William Collier; 50 ft NW. of 3.5 ft oak tree; 20 ft above bed of Little Carr Creek on N. side; in sandstone ledge; standard tablet stamped "1281"	1280.929
Pine Top, 4.3 mi SW. of; 635 ft E. of mouth of bed of Troublesome Creek; on N. bank of Carr Fork; on S. side of rd.; 20 ft from waters edge; in top of large rock; standard tablet stamped "1034"	1034.444

ISOLATED BENCH MARKS (Cont'd.)Feet

Poor Fork, 7.65 mi NE. of; rd. crossing low spur ridge from N. at first narrows of Poor Fork; 0.71 mi NW. of mouth of Colliers Creek; 175 ft S. of Presbyterian Church on N. side of rd.; on top of spur ridge; 150 ft E. of residence of J. J. Gibbs; 120 ft S. of centerline of rd.; in top of rock cliff on E. side of low spur; standard tablet stamped "1605 KY"

1605.384

Partridge, 2.2 mi E. of; 50 ft W. of old location of post office; 140 ft W. of rd. forks; 90 ft W. of branch from N.; on N. side of rd.; in top of rock outcrop; standard tablet stamped "1585 KY" (Tied by NGS, 1934)

1584.833

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-082-33
WHITESBURG QUADRANGLE
57 KY.-91 VA.
N3700-W8245/15
DIAGRAM NJ 17-7
JENKINS

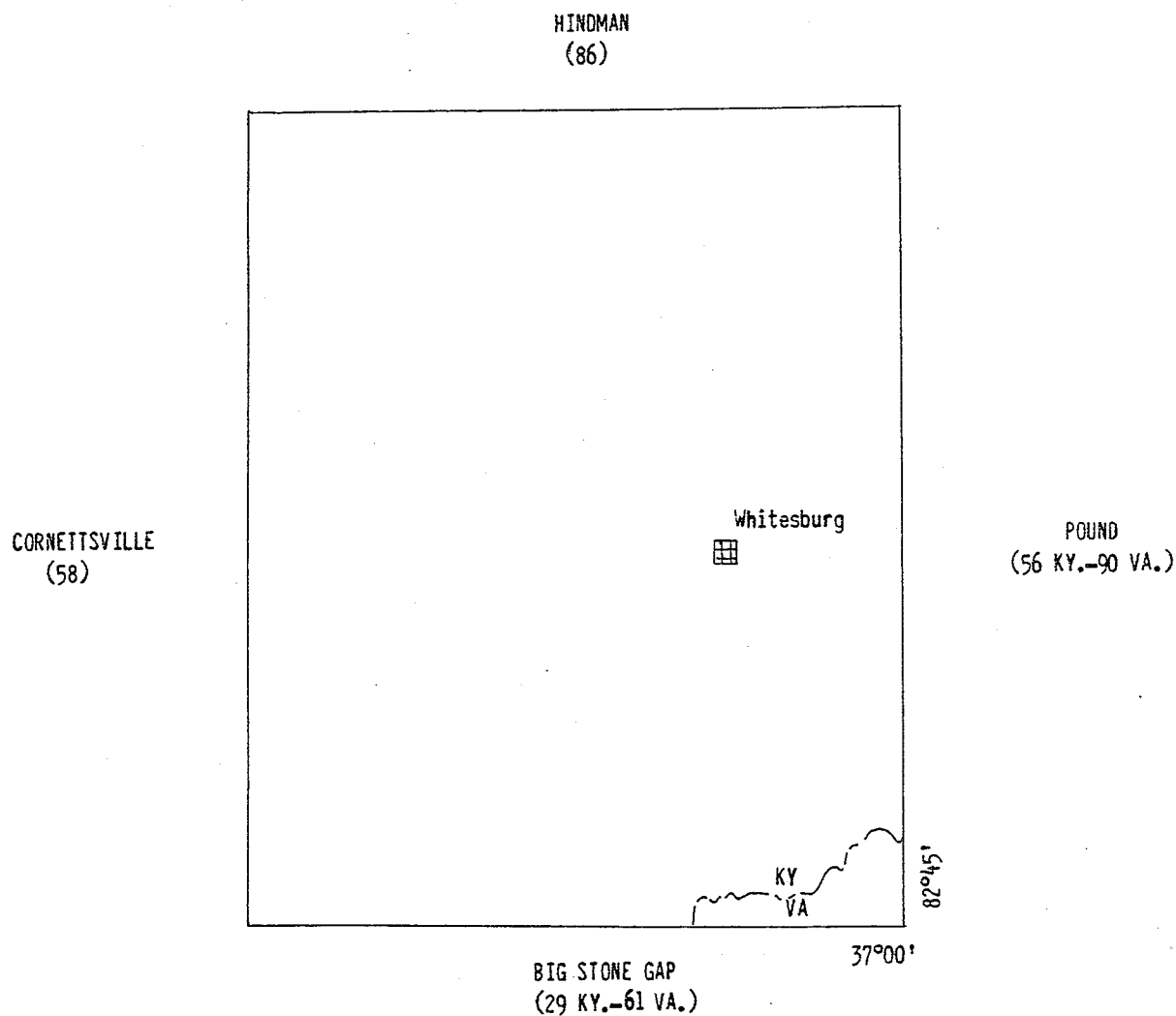
Harlan, Knott, and Letcher Counties,
Ky.; Wise County, Va.

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 9/1/76

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, South Zone, and Virginia, South Zone



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. W. Haas, 1952; Book AH 266

Smithsboro; 150 ft W. of Amburgeys Store; 2 ft N. and 14 ft W. of centerline of State Highway 15 over Smith Branch; in W. end of N. abutment of concrete bridge; standard tablet stamped "TT 4 CWH 1951 981.711"

Ky.S.)	X = 2,801,885	Y = 337,692	37 13 43.49	82 59 43.39
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By J. R. Harris, 1953; Book AH 320

Whitesburg, 5.0 mi E. of, along Louisville and Nashville Railroad; at N. side of Mayking; 34 ft N. and 25 ft E. of, and 4 ft above centerline of U. S. Highway 119 at RR. crossing; in S. end of E. concrete railing of hwy. bridge over North Fork Kentucky River; NGS standard disk stamped "G 16 1930 1213.728"

	X = 2,869,673	Y = 306,356	37 08 13.44	82 45 57.84
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Whitesburg, 3.2 mi E. of courthouse, along State Highway 15 and U. S. Highway 119; 0.75 mi E. of Ermine; 250 ft W. of "Our House Grill"; 140 ft WNW. of RR. crossing; 13 ft N. of centerline of U. S. Highway 119; in NE. end of concrete bridge seat over North Fork Kentucky River; 1 ft E. of E. end of N. bridge rail; standard tablet stamped "TT 15 JRH 1953"

	X = 2,864,323	Y = 301,801	37 07 30.09	82 47 05.65
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Whitesburg, 1.2 mi SE. of station, along L. & N. RR.; 0.1 mi NW. of junction of U. S. Highway 119 and State Highway 15; 90 ft SE. of center of RR. grade crossing; 80 ft SE. of hwy. bridge; 71 ft S. of S. corner of Standard Oil service station; 30 ft E. of centerline of track; 6 ft W. of telephone pole; in concrete post; NGS standard disk stamped "A 29 1934 1162.425"

	X = 2,858,493	Y = 297,281	37 06 47.22	82 48 19.34
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Whitesburg; at NE. corner of Letcher County Court House; in face of stone foundation; standard tablet stamped "1163 KY"

	X = 2,852,155	Y = 298,891	37 07 05.08	82 49 36.93
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Whitesburg; 0.15 mi NW. of L. & N. RR. station, along Main Street; at post office; 34 ft N. of N. curb of Main Street; 5.5 ft N. of SW. corner and 6 in. W. of W. face of post office building; in E. end of top concrete step to basement; NGS standard disk stamped "E 16 RESET 1953"

	X = 2,852,466	Y = 298,855	37 07 04.63	82 49 33.11
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Whitesburg, 0.5 mi W. of station, along L. & N. RR.; at RR. bridge No. 123; 7 ft SW. of SW. rail; in SW. end of NW. masonry abutment; NGS standard disk stamped "C 16 1930 1142.412"

	X = 2,851,061	Y = 299,603	37 07 12.45	82 49 50.16
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Whitesburg, 1.2 mi W. of station, along L. & N. RR.; at bridge No. 121 over North Fork Kentucky River; 8 ft NW. of NW. rail; in NW. end of NE. abutment; NGS standard disk stamped "B 16 1930 1131.678"

Ky. S.)	X = 2,847,943	Y = 301,139	37 07 28.58	82 50 28.06
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Whitesburg, 3.4 mi W. of station, along L. & N. RR.; at bridge No. 120; 5 ft N. of N. rail; in N. end of W. abutment; NGS standard disk stamped "A 16 1930 1110.638"

	X = 2,841,649	Y = 293,841	37 06 18.36	82 51 48.49
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Whitesburg, 5.5 mi W. of station, along L. & N. RR.; 50 ft W. of W. end of tunnel; at bridge No. 119; 4 ft S. of S. rail; in S. end of E. abutment; NGS standard disk stamped "Z 15 1930 1091.865"

	X = 2,837,310	Y = 297,513	37 06 55.96	82 52 40.66
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Whitesburg, 6.7 mi W. of; 2.1 mi E. of Hot Spot; at L. & N. RR. bridge No. 118; 6 ft W. of W. rail; in SW. stone abutment of bridge; standard tablet stamped "T 16 JRH 1953"

	X = 2,831,535	Y = 299,019	37 07 12.57	82 53 51.36
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Uz station, 1.9 mi SW. of; 600 ft W. of mouth of Kingdom Come Creek; on top of S. end of parapet wall of E. abutment of RR. bridge over North Fork Kentucky River; standard tablet stamped "1064" (Report destroyed, 1953)

	X = 2,828,750	Y = 295,999	37 06 43.56	82 54 26.85
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Hot Spot; at L. & N. RR. bridge No. 115; 5 ft W. of W. rail; in NW. corner of N. abutment; NGS standard disk stamped "Y 15 1930 1054.227"

	X = 2,825,170	Y = 297,503	37 06 59.48	82 55 10.48
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Hot Spot, 2.0 mi W. of, along L. & N. RR.; at Roxana; 150 ft SW. of main track; at abandoned spur track bridge over North Fork Kentucky River; in SE. end of NE. concrete abutment; NGS standard disk stamped "X 15 1930 1040.129"

	X = 2,817,047	Y = 293,868	37 06 25.95	82 56 52.06
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Roxana; at L. & N. RR. crossing State Highway 160; 5 rails SE. of milepost 273; 42 ft SW. of SW. rail of main track; 16 ft SE. of centerline of hwy.; in SE. end of NE. abutment of hwy. bridge over North Fork Kentucky River; NGS standard disk stamped "N 291 1952 1043.220"

	X = 2,816,305	Y = 294,430	37 06 31.72	82 57 01.00
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Roxana, 1.0 mi NE. of crossing of State Highway 160, along L. & N. RR.; 3.5 rails NE. of milepost 272; on short NE.-SW. tangent of track; 9 ft NW. of NW. rail; set vertically in SE. face of long rock cut; NGS standard disk stamped "M 291 1952 1031.989"

Ky. S.)	X = 2,814,034	Y = 296,475	37 06 52.60	82 57 28.28
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Blackey, 3.2 mi SE. of station, along L. & N. RR.; 1.9 mi NW. of crossing of State Highway 160 at Roxana; 0.1 mi SE. of milepost 271; 17 ft NE. of NE. rail; set vertically 4 ft above ground in SW. face of rock cut; NGS standard disk stamped "W 15 1930 1024.348"

	X = 2,811,848	Y = 297,806	37 07 06.39	82 57 54.78
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Blackey, 1.5 mi S. of; 3.4 mi N. of Roxana; at L. & N. RR. bridge NO. 113 over North Fork Kentucky River; 7 ft W. of W. rail; 1 ft E. of W. end of SE. concrete abutment of bridge; standard tablet stamped "TT 17 JRH 1953 1009.690"

	X = 2,809,098	Y = 301,348	37 07 42.20	82 58 27.43
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Blackey; 0.1 mi N. of L. & N. RR. station; at hwy. bridge over North Fork Kentucky River; 4 ft below bridge floor; in SW. end of concrete capped center pier; NGS standard disk stamped "V 15 1930 1000.129"

	X = 2,807,220	Y = 305,585	37 08 24.62	82 58 49.08
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Cody, 0.6 mi NW. of junction of State Highway 160, along State Highway 15; 219 ft NW. of stone culvert and SE. end of rocky part of hwy. cut; 80 ft SE. of center of SW. end of 3-ft concrete and stone culvert; 4 ft above hwy.; set vertically in NE. face of solid layer of rock at bottom of 30-ft cut through shale; NGS standard disk stamped "H 322 1953 1003.768"

	X = 2,804,412	Y = 337,483	37 13 40.70	82 59 12.22
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Cody; at junction of State Highways 15 and 160; 120 ft NE. of centerline of Highway 15; 12 ft NW. of centerline of Highway 160; NW. and across hwy. from Cody Bible Church; in NW. end of SW. concrete and stone abutment of bridge over Carr Fork; 1.2 ft NW. of wooden rail of bridge; NGS standard disk stamped "L 321 1953 1002.715"

	X = 2,806,570	Y = 335,500	37 13 20.48	82 58 46.26
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Cody, 1.0 mi NE. of junction of State Highway 15, along State Highway 160; at junction of rd. SE. across bridge to Carr Creek Community Center; 48 ft SE. of centerline of hwy.; 14 ft SW. of centerline of rd. SE.; in fourth course of stone masonry from top of W. wingwall of NW. masonry abutment of wooden deck bridge over Carr Fork; 3 ft below bridge floor; NGS standard disk stamped "M 321 1953 1009.099"

	X = 2,809,249	Y = 339,319	37 13 57.45	82 58 11.77
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Cody, 2.0 mi NE. of junction of State Highway 15, along State Highway 160; 0.9 mi SW. of junction of rd. E. along Little Carr Fork; 16 ft W. of centerline of hwy.; in top of, and 3.3 ft S. of culvert over small hollow; NGS standard disk stamped "N 321 1953 1026.254"

Ky. S.)	X = 2,813,293	Y = 340,263	37 14 05.60	82 57 21.44
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Cody, 2.8 mi NE. of junction of State Highway 15, along State Highway 160; 0.8 mi S. of bridge over Betty Troublesome Creek; at junction on rd. E. along Little Carr Fork; 90 ft E. of centerline of hwy.; 11 ft N. of centerline of bridge; in N. end of W. abutment of concrete bridge over Carr Creek; NGS standard disk stamped "P 321 1953 1035.454"

	X = 2,815,567	Y = 343,147	37 14 33.43	82 56 52.28
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Littcarr, 1.9 mi E. of; 3.0 mi W. of Logans Gap at county line; 670 ft NE. of junction of Little Carr Fork and Wolfpen Creek; on SE. side of rd.; at junction of rd. SW. into creek bed and alternate rd. up small hill; in rock outcrop in NW. edge of Little Carr Fork; standard tablet stamped "TT 19 JRH 1953"

	X = 2,823,393	Y = 342,514	37 14 24.87	82 55 15.77
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Littcarr, 3.8 mi E. of; 1.1 mi W. of Logans Gap at county line; 2.0 mi NW. of Colson; 126 ft NNE. of rd. fork and junction of Little Carr Fork and Wolfpen Branch; 9 ft ESE. of, and 4 ft higher than centerline of rd. and Wolfpen Branch; 20 ft SE. of 14-in. sycamore tree; in rock outcrop in foot path; standard tablet stamped "TT 20 JRH 1953"

	X = 2,832,378	Y = 344,171	37 14 38.57	82 53 24.09
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Colson, 0.4 mi N. of post office; 1.1 mi NW. of Rockhouse Creek, along Trace Fork; 550 ft SE. of bridge over Trace Fork; 79 ft S. of centerline of rd. at drive intersection; 22 ft NE. of centerline of drive at stream crossing; 16 ft WSW. of centerline of rd.; in center of S. rock headwall; standard tablet stamped "TT 21 JRH 1953"

	X = 2,838,886	Y = 340,025	37 13 55.64	82 52 05.20
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Colson, 0.7 mi SE. of post office; 4.2 mi N. of Sand Lick Gap on State Highway 15; at junction of Trace Fork and Rockhouse Creek; 475 ft ENE. of junction of I-rd.; 15 ft SE. of centerline of rd.; in NE. end of SE. headwall of concrete bridge; standard tablet stamped "TT 22 JRH 1953"

	X = 2,842,792	Y = 337,199	37 13 26.53	82 51 17.99
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Sand Lick Gap, 5.2 mi N. of; 4.2 mi W. of Consolidation Coal Company office at Hendrix Mine; 39 ft SW. of junction of I-rd. NW.; 38 ft NE. of centerline of rd. at drive NW. to Bill Wright Coal Company; 15 ft NW. of centerline of rd.; in center of N. headwall of concrete culvert; standard tablet stamped "TT 23 JRH 1953"

	X = 2,847,293	Y = 337,988	37 13 32.96	82 50 22.07
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		O I N	O I N

OBSOLETE MARKS (Cont'd.)

Sand Lick Gap, 6.0 mi NE. of; 3.4 mi W. of Consolidation Coal Company office at Hendrix Mine; 0.8 mi W. of rd. at RR. crossing; 700 ft E. of bridge over Beaver Dam Creek; 200 ft E. of crest of hill; 17 ft NNE. of centerline of rd.; in apex of L-shaped concrete culvert; standard tablet stamped "TI 24 JRH 1953"

Ky. S.)	X = 2,850,542	Y = 339,052	37 13 42.49	82 49 41.51
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Consolidation Coal Company Office at Hendrix Mine, 2.6 mi W. of; at mouth of Indian Creek; 380 ft W. of centerline of rd. at RR. crossing; 12 ft S. and 2 ft W. of center of concrete bridge over Rockhouse Creek; in S. concrete curbing of bridge; standard tablet stamped "TI 25 JRH 1953"

	X = 2,854,129	Y = 337,465	37 13 25.70	82 48 57.79
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Consolidation Coal Company Office at Hendrix Mine, 1.4 mi SW. of; 0.3 mi S. of Rockhouse Bible Church; 1.1 mi ENE. of RR. overpass; 450 ft N. of crest of hill; 100 ft E. of small concrete-block store; 16 ft E. of centerline of rd.; in apex of L-shaped concrete culvert; standard tablet stamped "TI 26 JRH 1953"

	X = 2,859,781	Y = 339,244	37 13 41.54	82 47 47.25
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Consolidation Coal Company Office at Hendrix Mine; 400 ft W. of; 335 ft NE. of centerline of rd. at conveyor crossing from mine to tippie; at drive S. to mine; 35 ft W. of center of bridge; 15 ft NW. of centerline of rd.; 3 ft above rd.; in W. end of N. concrete railing of bridge over Rockhouse Creek; standard tablet stamped "TI 27 JRH 1953"

	X = 2,864,068	Y = 343,273	37 14 20.03	82 46 52.70
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Consolidation Coal Company Office at Hendrix Mine, 0.3 mi E. of; 500 ft SW. of junction of I-rd. and State Highway 275; 110 ft E. of centerline of I-rd. S. to mine; 31 ft S. of center of bridge over Mill Creek; 25 ft N. of mouth of Mill Creek; 16 ft SE. of centerline of rd.; in SW. abutment of concrete bridge; standard tablet stamped "TI 28 JRH 1953"

	X = 2,865,838	Y = 343,197	37 14 18.73	82 46 30.86
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Consolidation Coal Company Office at Hendrix Mine, 1.5 mi E. of; 1.0 mi W. of junction of Stevens Fork and Rockhouse Creek; 0.4 mi W. of Twin Gables cabins; 125 ft NE. of house; 74 ft NE. of power pole NO. 402-309-4; 15 ft N. of centerline of State Highway 275; in E. end of N. headwall of small concrete culvert; standard tablet stamped "TI 29 JRH 1953 1315.434"

	X = 2,871,512	Y = 344,114	37 14 26.02	82 45 20.36
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Whitesburg, 1.9 mi SE. of RR. station, along U. S. Highway 119; 70 ft S. of sharp turn; 30 ft W. of centerline of hwy.; 18 ft N. of house; 1 ft E. of fence; in concrete post; NGS standard disk stamped "Z 28 1934 1263.754"

	X = 2,859,160	Y = 294,504	37 06 19.57	82 48 12.19
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Whitesburg, 1.7 mi E. of courthouse, along State Highway 15 to junction with U. S. Highway 119, thence 2.0 mi S.; 3.2 mi N. of Pine Mountain Hotel at top of mountain; 69 ft NNW. of telephone pole No. 5405; 2 ft N. and 40 ft W. of centerline of hwy. at T-rd. SW.; 24 ft NNW. of centerline of graveled rd.; on inside of horseshoe curve; in S. end of SW. headwall of concrete culvert; standard tablet stamped "TI 31 JRH 1953" *to be destroyed 4-30-71*

Ky. S.)	X = 2,862,449	Y = 292,162	37 05 55.41	82 47 32.51
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Whitesburg, 4.4 mi SE. of courthouse, along State Highway 15 and U. S. Highway 119; 2.5 mi N. of Pine Mountain Hotel; 0.7 mi N. of picnic area; 128 ft S. of SE. corner of large concrete-block building; 34 ft S. of SE. end of concrete pipe culvert; 48 ft SE. of centerline of U. S. Highway 119; 5 ft NE. of small twin poplar trees at edge of drain; in concrete post; NGS standard disk stamped "V 28 1934 1780.580"

	X = 2,861,377	Y = 289,364	37 05 28.09	82 47 46.81
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Whitesburg, 6.9 mi SE. of courthouse, along State Highway 15 and U. S. Highway 119; at crest of Pine Mountain; 89 ft SE. of SE. corner of Pine Mountain Hotel; 64 ft N. of T-rd. E. to sand quarry; 35 ft ENE. of power pole No. 497-143; 17 ft ENE. of centerline of Highway 119 in line with concrete steps E.; in bottom step of steps E. to Bright Fire Tower; standard tablet stamped "TI 32 JRH 1953"

	X = 2,857,578	Y = 283,278	37 04 29.11	82 48 36.02
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Oven Fork, 1.0 mi NE. of post office; 0.8 mi NE. of junction of State Highway 806 S., along U. S. Highway 119; 0.2 mi S. of junction of macadam rd.; 13 ft W. of, and 2.5 ft above centerline of hwy.; set vertically in E. face of 8-ft rock cut; NGS standard disk stamped A 326 1953 1787.273"

	X = 2,861,467	Y = 278,792	37 03 43.57	82 47 49.78
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Oven Fork, 0.9 mi NE. of junction of State Highway 806, along U. S. Highway 119, thence 0.9 mi E. along macadam rd.; 0.8 mi W. of small stone bridge over Bad Branch; 450 ft N. of house and center of curve with tangents N. and W.; 180 ft S. of N. end of hwy. cut and 24-in. pipe culvert with stone headwalls; 26 ft WSW. of centerline of rd.; set vertically 2 ft above ground in ENE. face of 12-ft rock in 30-ft cut; NGS standard disk stamped "B 326 1953 1705.469"

	X = 2,865,177	Y = 280,279	37 03 57.12	82 47 03.45
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Oven Fork, 0.9 mi NE. of junction of State Highway 806, along U. S. Highway 119, thence 1.9 mi E. along macadam rd.; 0.4 mi W. of Parsons School; 0.2 mi E. of small stone bridge over Bad Branch; 234 ft SW. of NW. end of rock cut; 174 ft SW. of 15-in. pipe culvert; 15 ft NW. of centerline of rd.; set vertically in SE. face of 10-ft rock cut; NGS standard disk stamped "C 326 1953 1762.595"

	X = 2,869,515	Y = 281,360	37 04 06.45	82 46 09.53
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57 KY.-91 VA.
WHITESBURG QUADRANGLE

37-082-33
9

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Oven Fork, 0.9 mi NE. of junction of State Highway 806, along U. S. Highway 119, thence 3.0 mi E. along macadam rd.; 3.45 mi W. of Flat Gap, Va.; 0.7 mi NE. of Parsons School; 0.25 mi W. of concrete bridge over Cumberland River; 0.2 mi E. of 5-ft stone culvert at creek; 240 ft W. of pipe culvert; 13 ft N. of centerline of rd.; 3 ft above rd.; set vertically in S. face of 10-ft rock cut; NGS standard disk stamped "D 326 1953 1825.994"

Ky. S.)	X = 2,874,282	Y = 283,360	37 04 24.73	82 45 09.96
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#57 Whitesburg QP

Station: HARLAN-LETCHER

County: Harlan-Letcher State: Ky.

Observer: U.S. Coal & Coke Co. Year:

Datum: Prelim. 1927 N.A.D.

Description:

Located on top of Pine Mountain. It is best reached by taking trail up first branch below D. C. Lewis' house. Follow this trail to top of Pine Mountain then to the right about 300 ft. to the station. Station marked by a quarter in. bolt set with babbitt in corner rock to Harlan-Letcher Counties. This corner rock is a corner to D. C. Lewis property. There is a cleared field near this station.

Plane Coordinates on Kentucky Lambert System (South Zone)

X = 2,818,133

Y = 259,387

° ' "

° ' "

[Latitude 37 00 44.84

Longitude 82 56 51.28]

To Station—	Azimuth ° ' "	Back Azimuth ° ' "	Distance	
			Log. Meters	Miles
			37 00	
			82 45	